

Serial No.: 10/577,679
Inventor: B. HARDY et al

REPLACEMENT SHEET

Attorney Docket No. 31831
Title: ANGIOGENIC PEPTIDES...

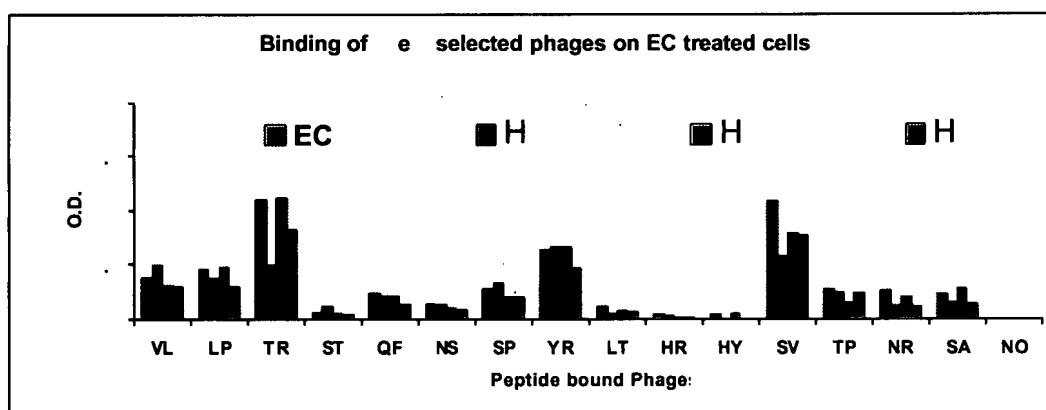


Figure 1a

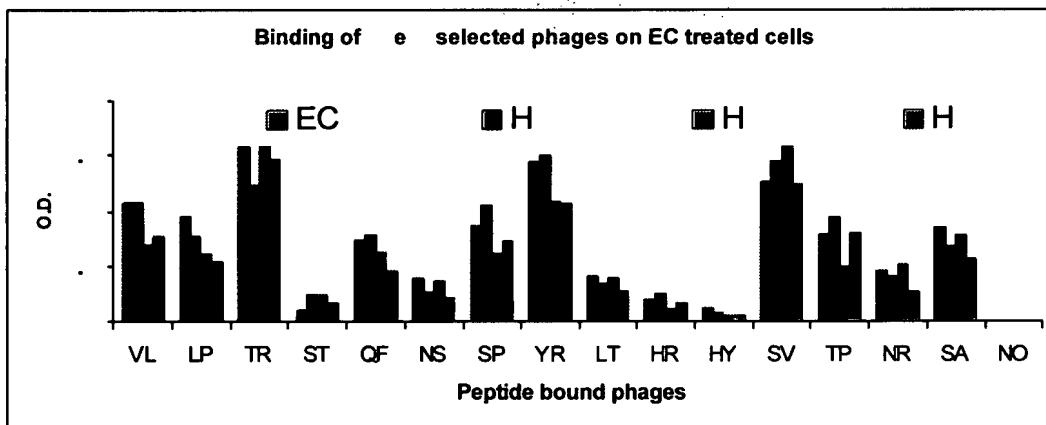


Figure 1b

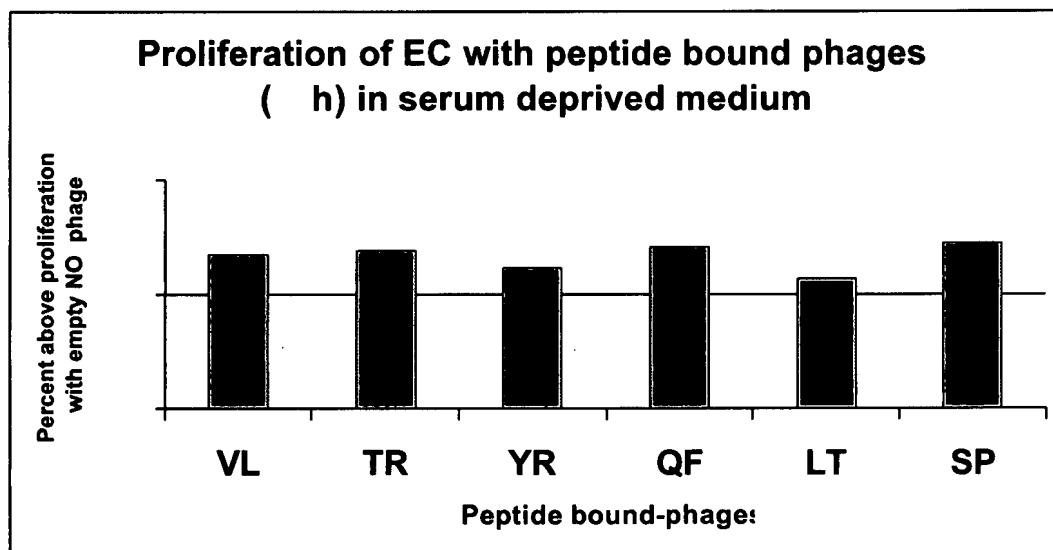


Figure 2

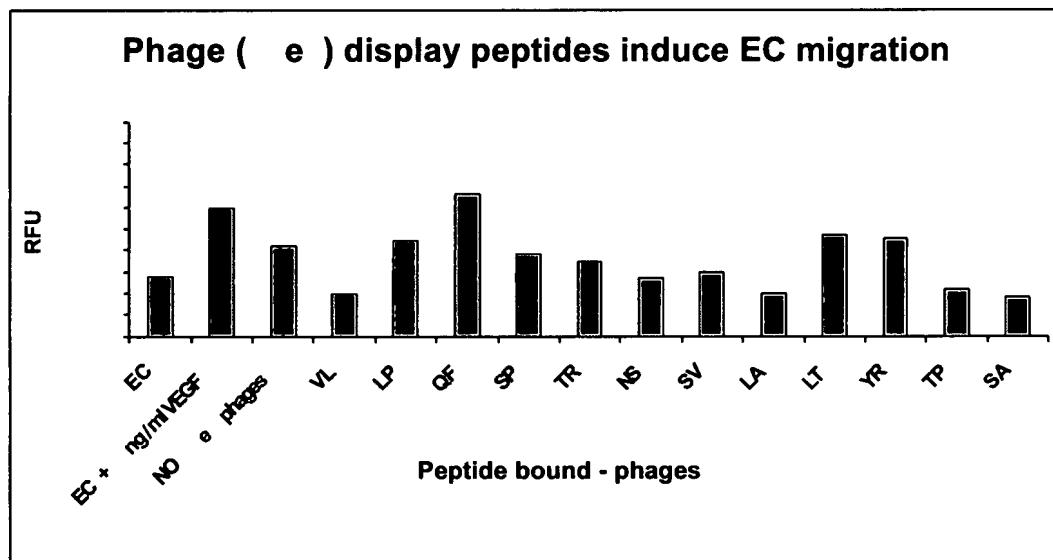


Figure 3a

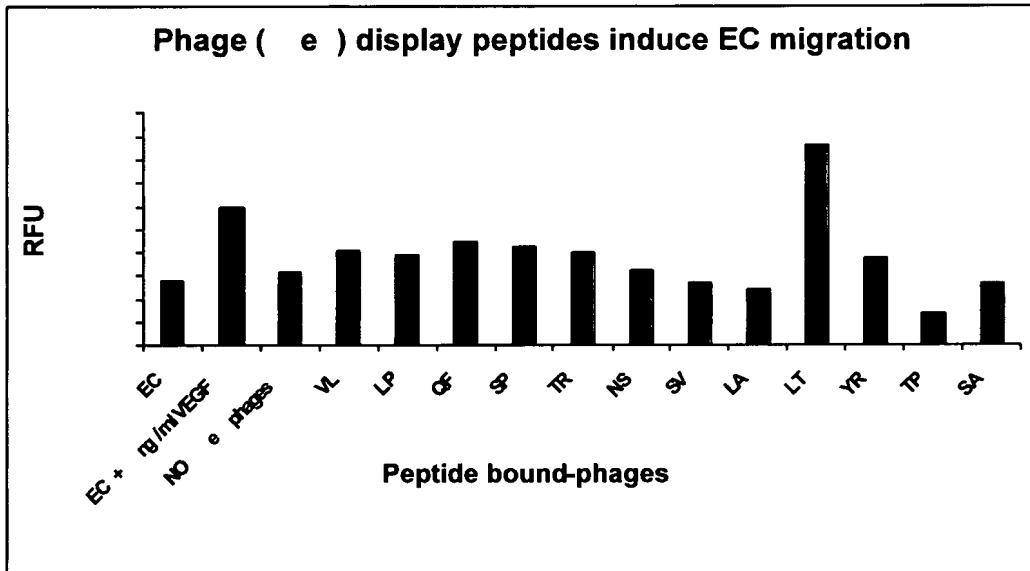


Figure 3b

Phage (10e5) display peptides as EC Chemoattractants

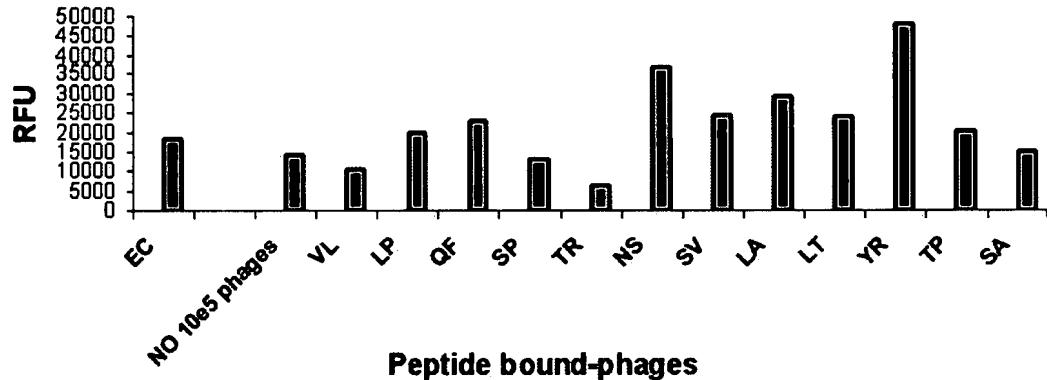


Figure 4a

Phage (10e6) display peptides as EC Chemoattractants

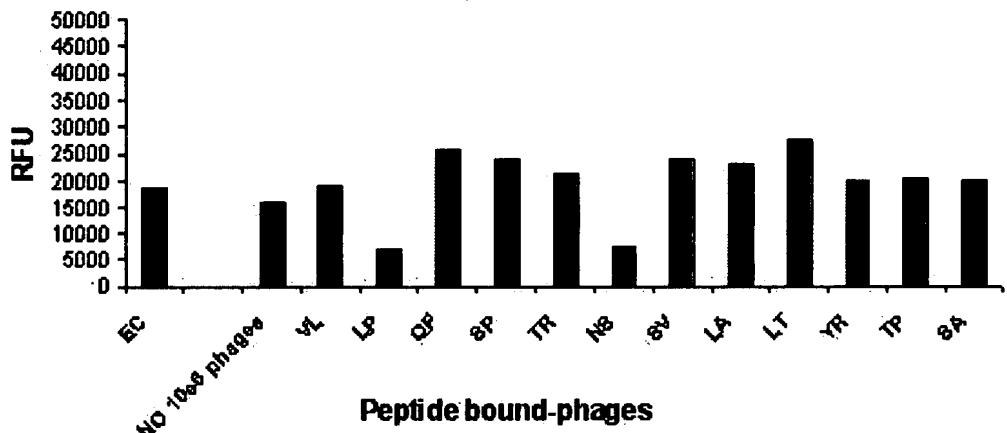


Figure 4b

Phage -Display -Peptides induce proliferation of aortic rings derived cells

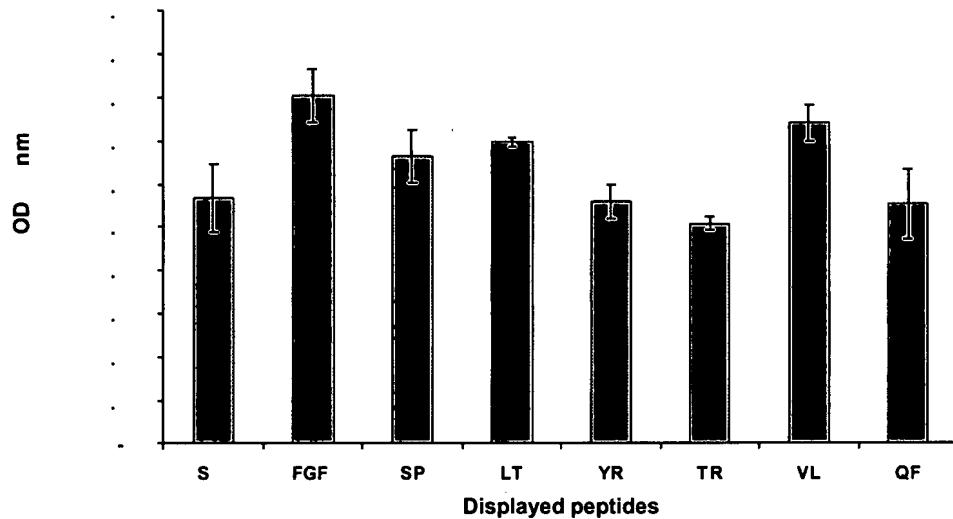
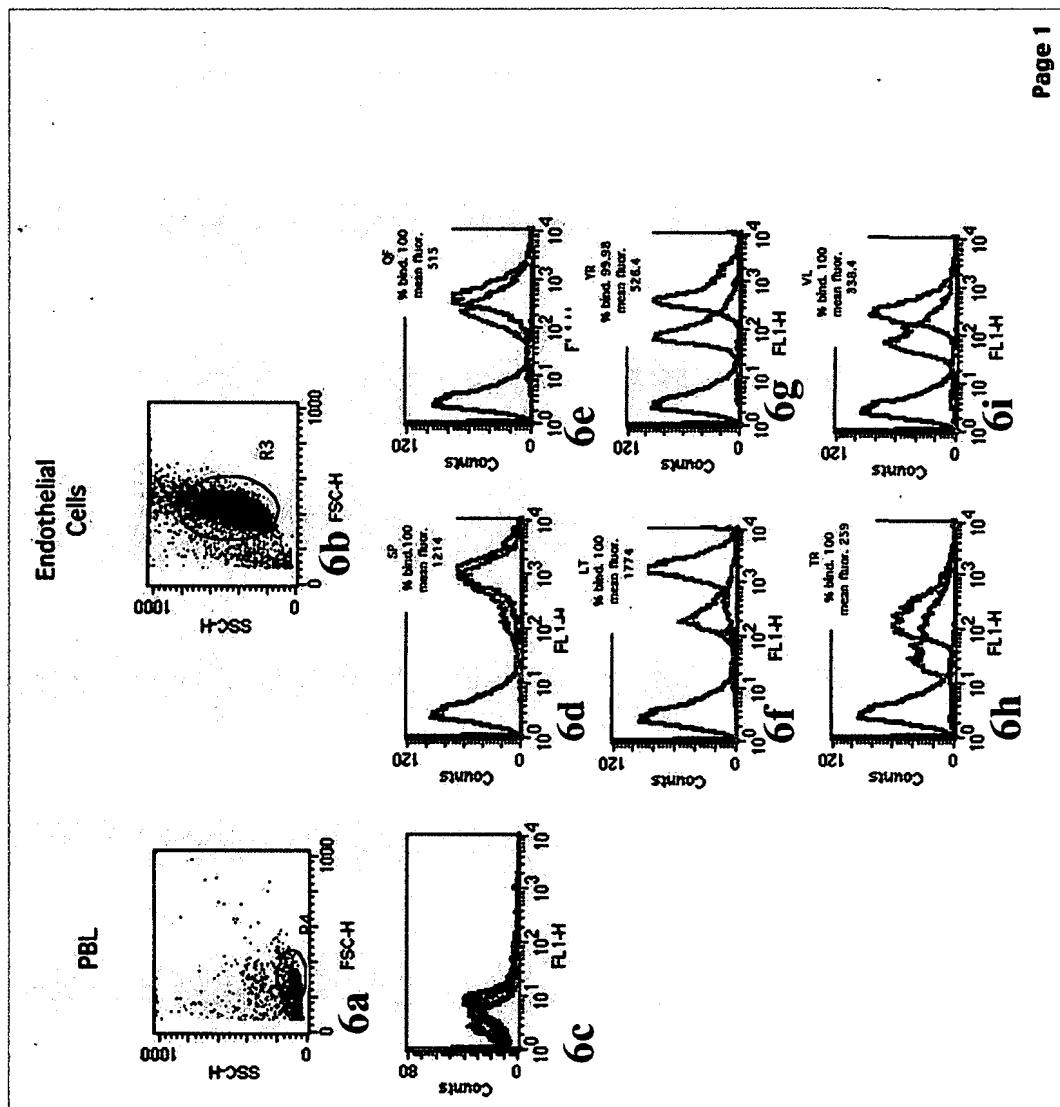


Figure 5



Figures 6a-i

FACS of Peptides (ug/ml) binding to EC and PBL

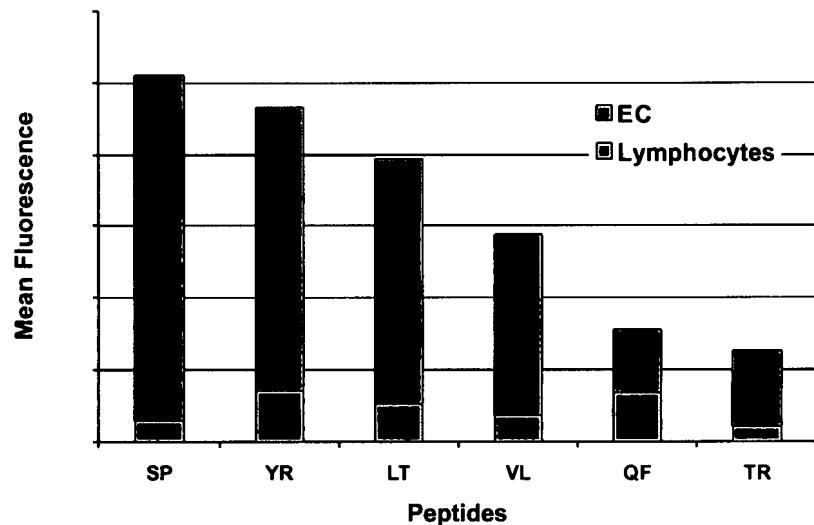


Figure 7

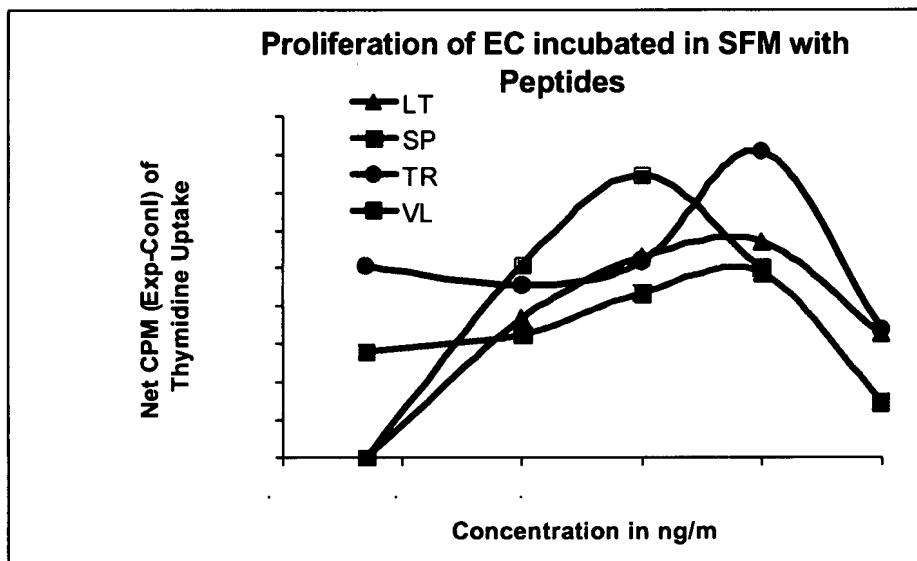


Figure 8a

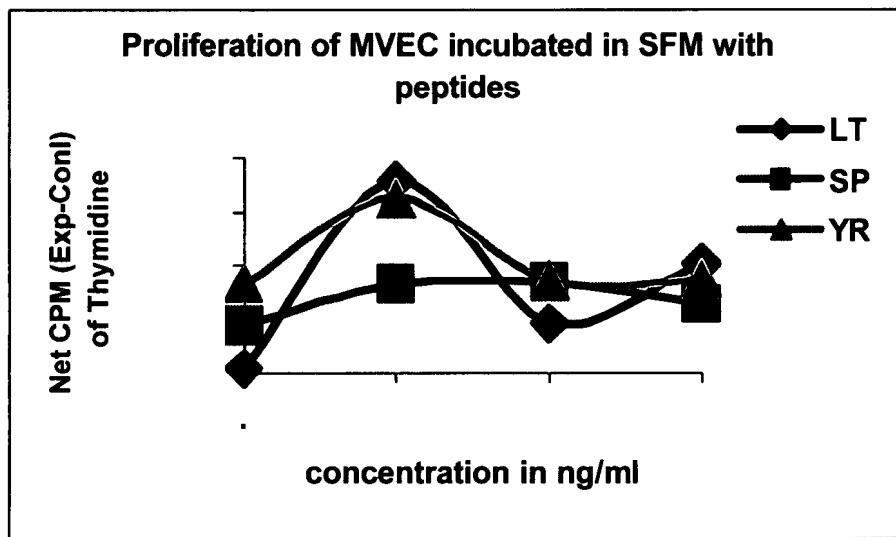


Figure 8b

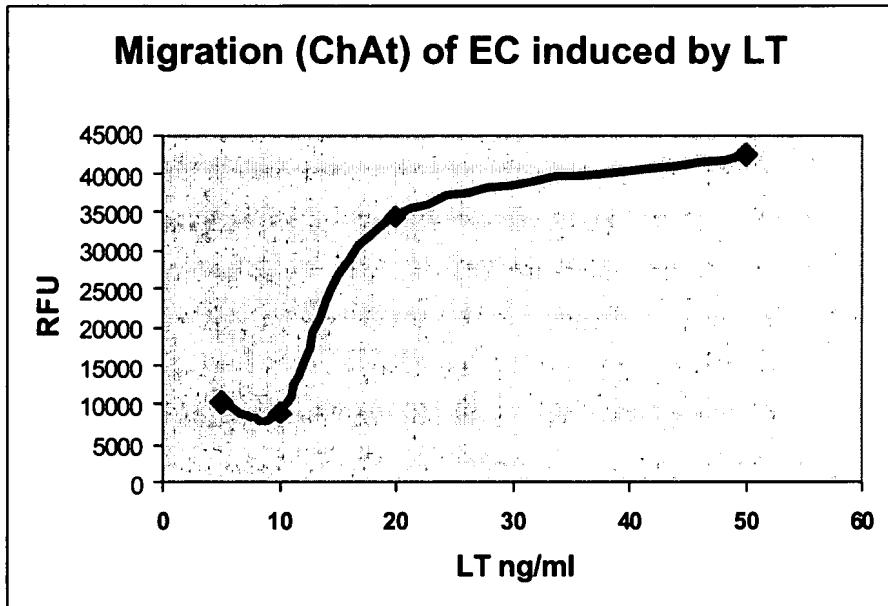


Figure 9a

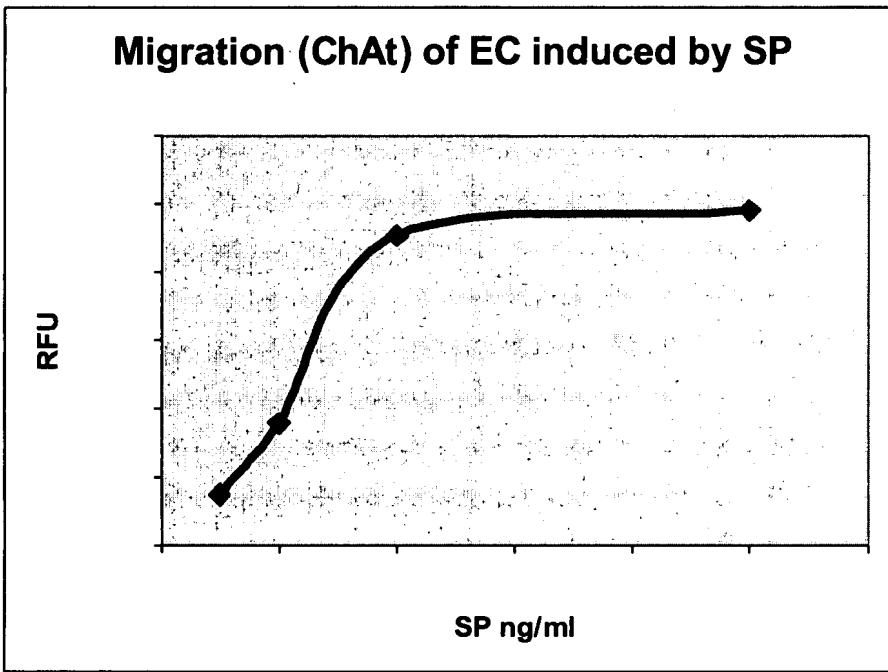


Figure 9b

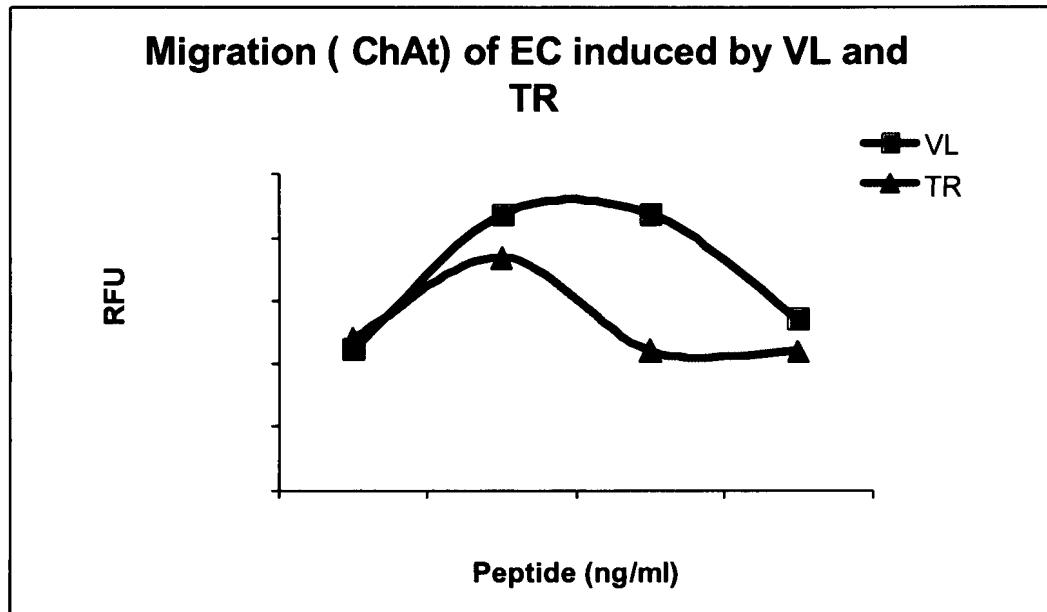


Figure 9c

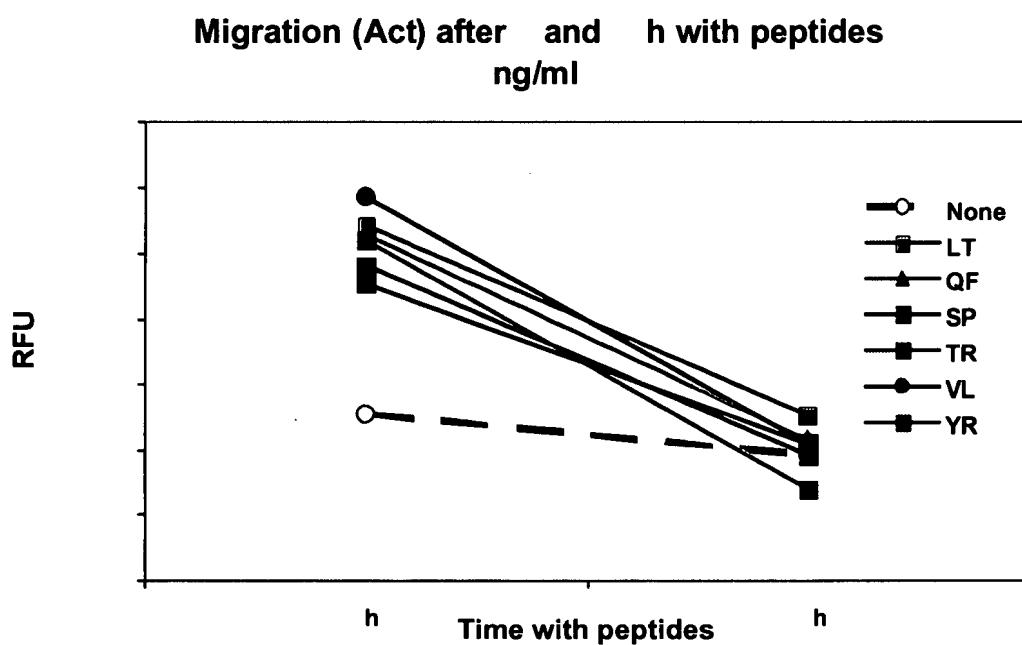


Figure 10

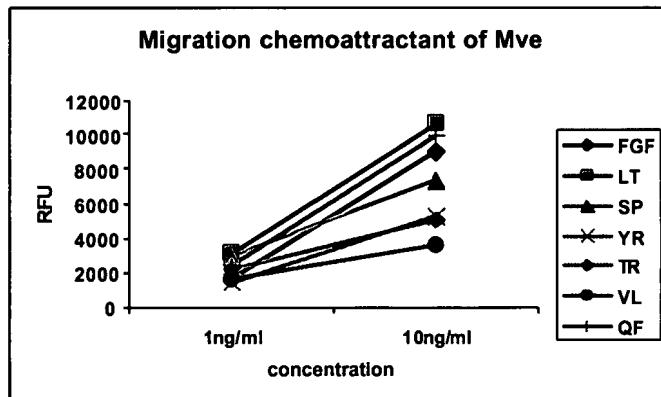


Figure 11a

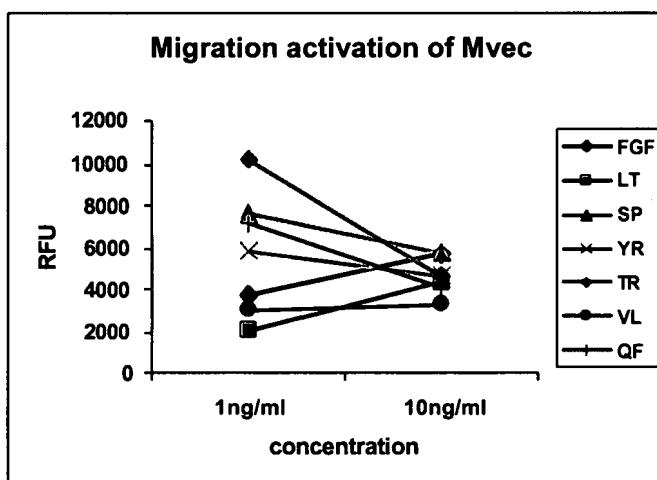


Figure 11b

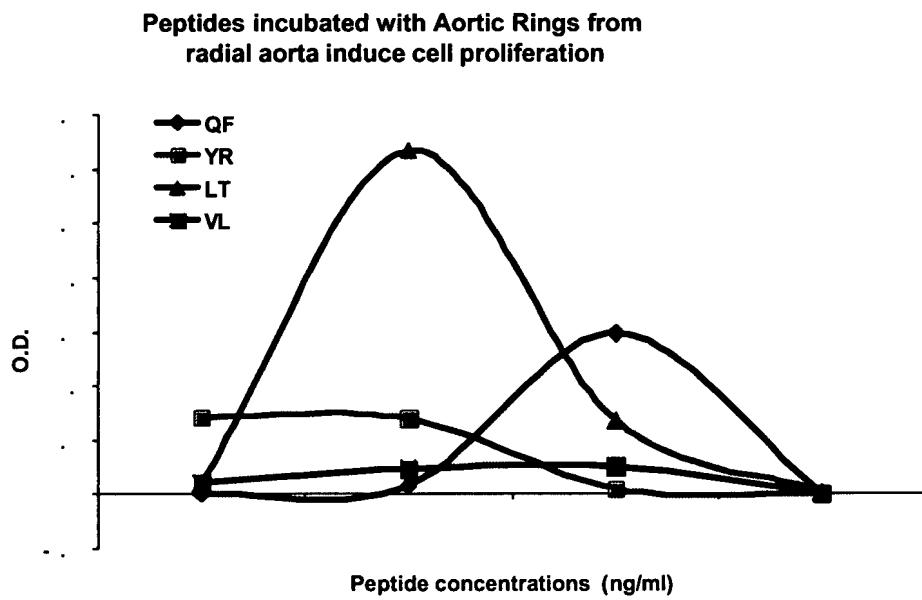


Figure 12

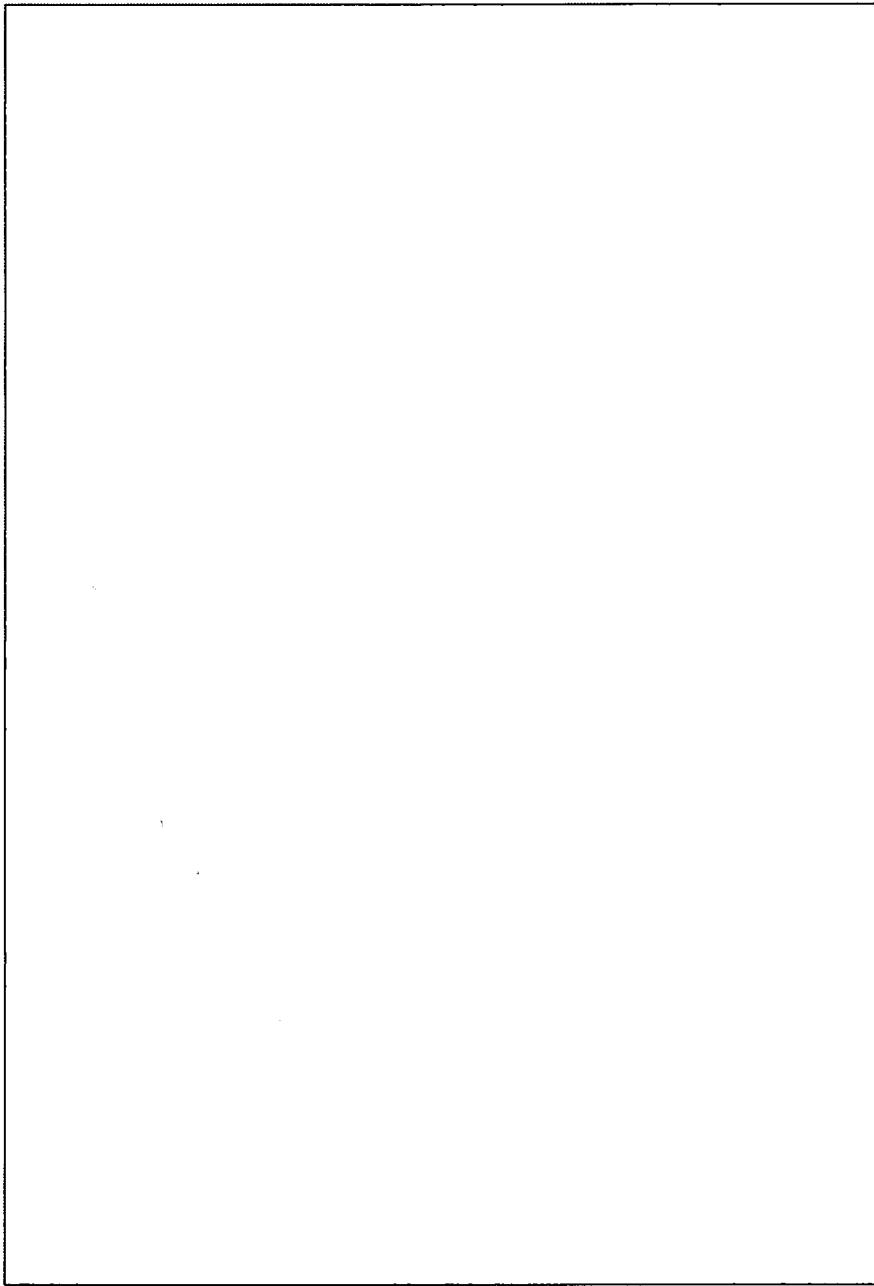


Figure 13a

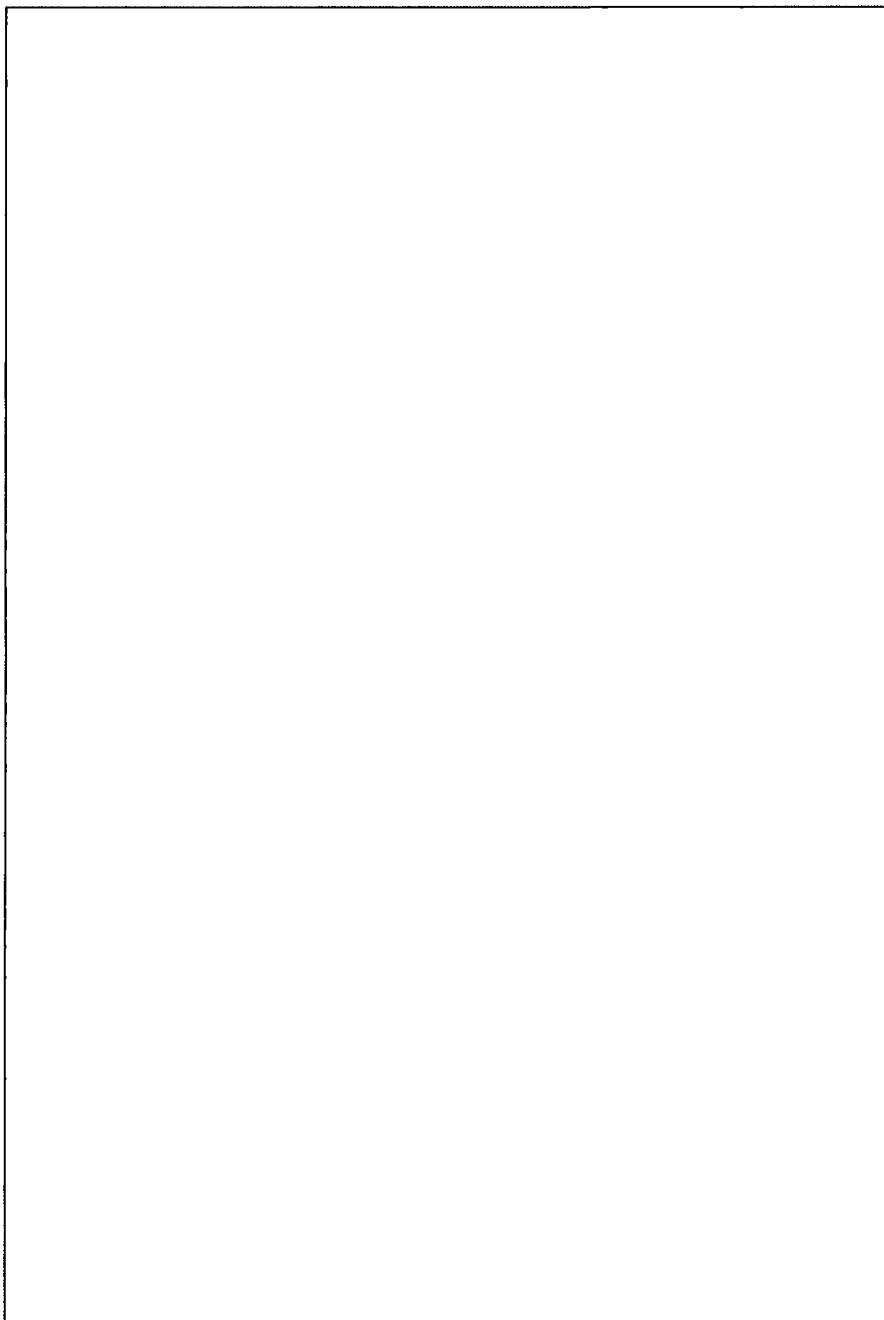


Figure 130



Figure 13c

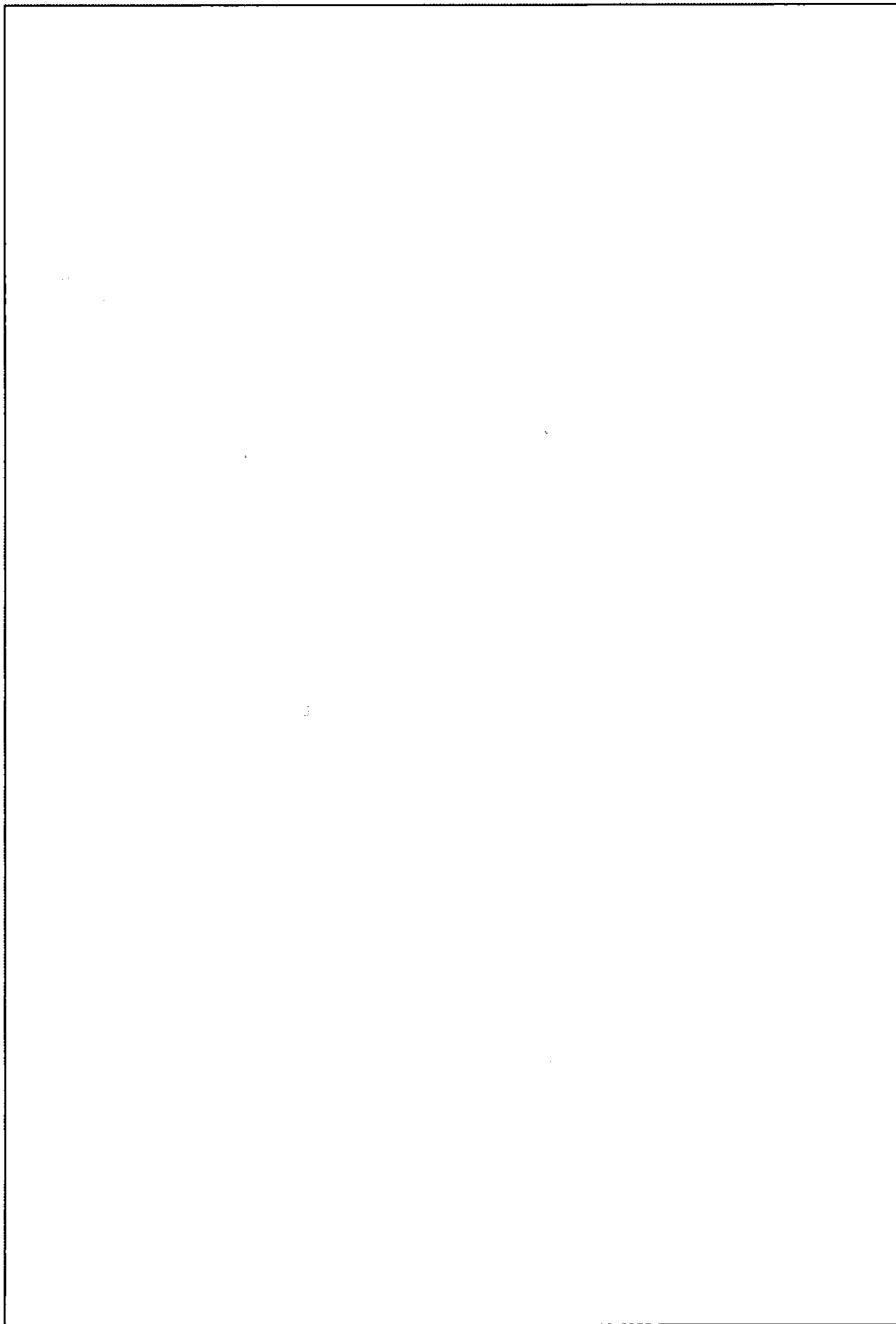


Figure 13d

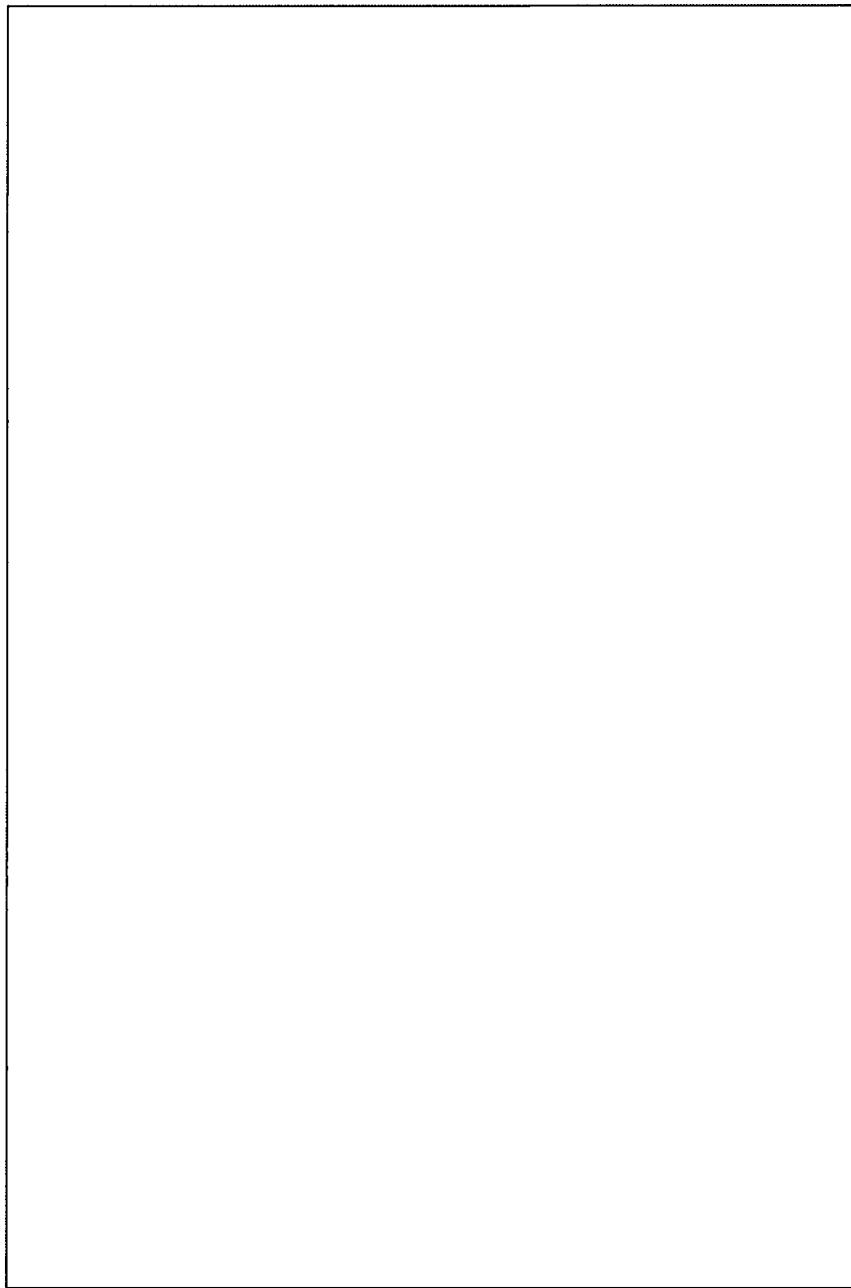


Figure 13@

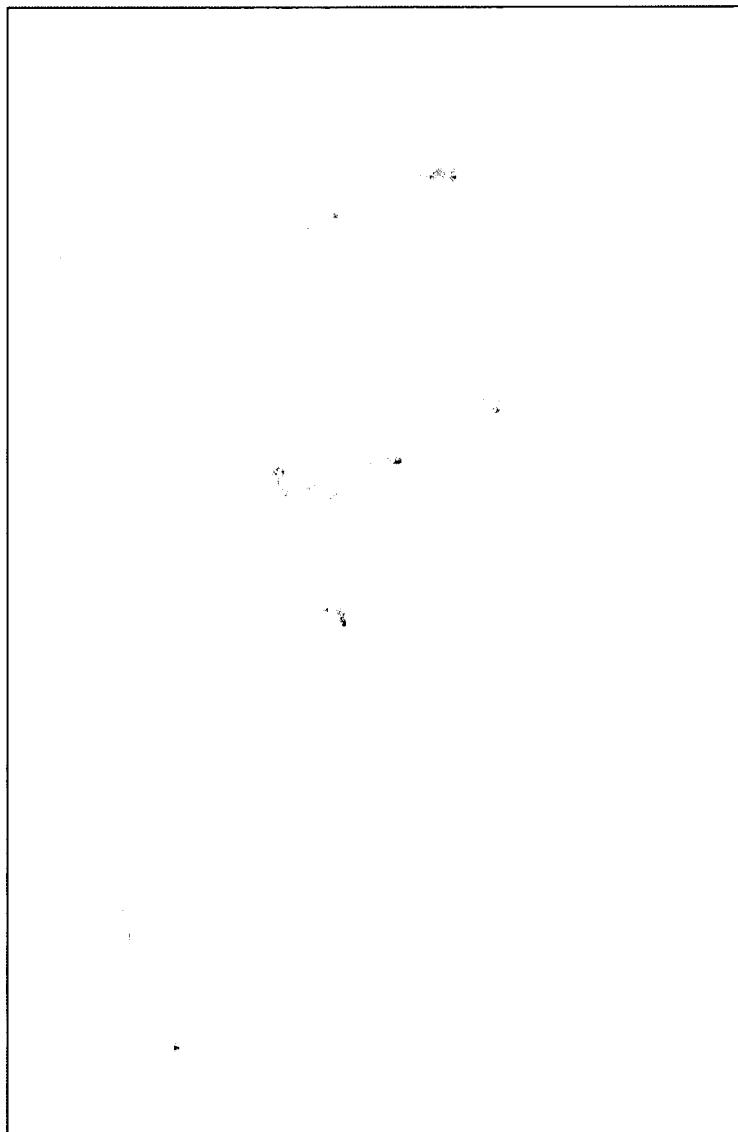


Figure 13f

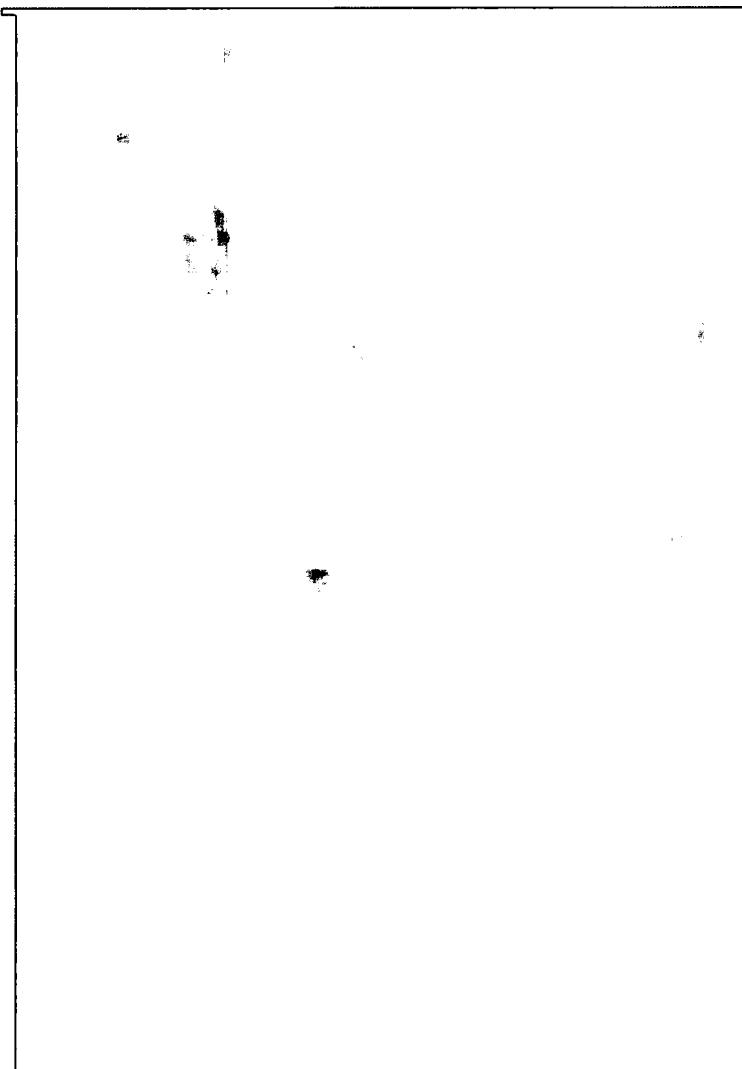


Figure 13g

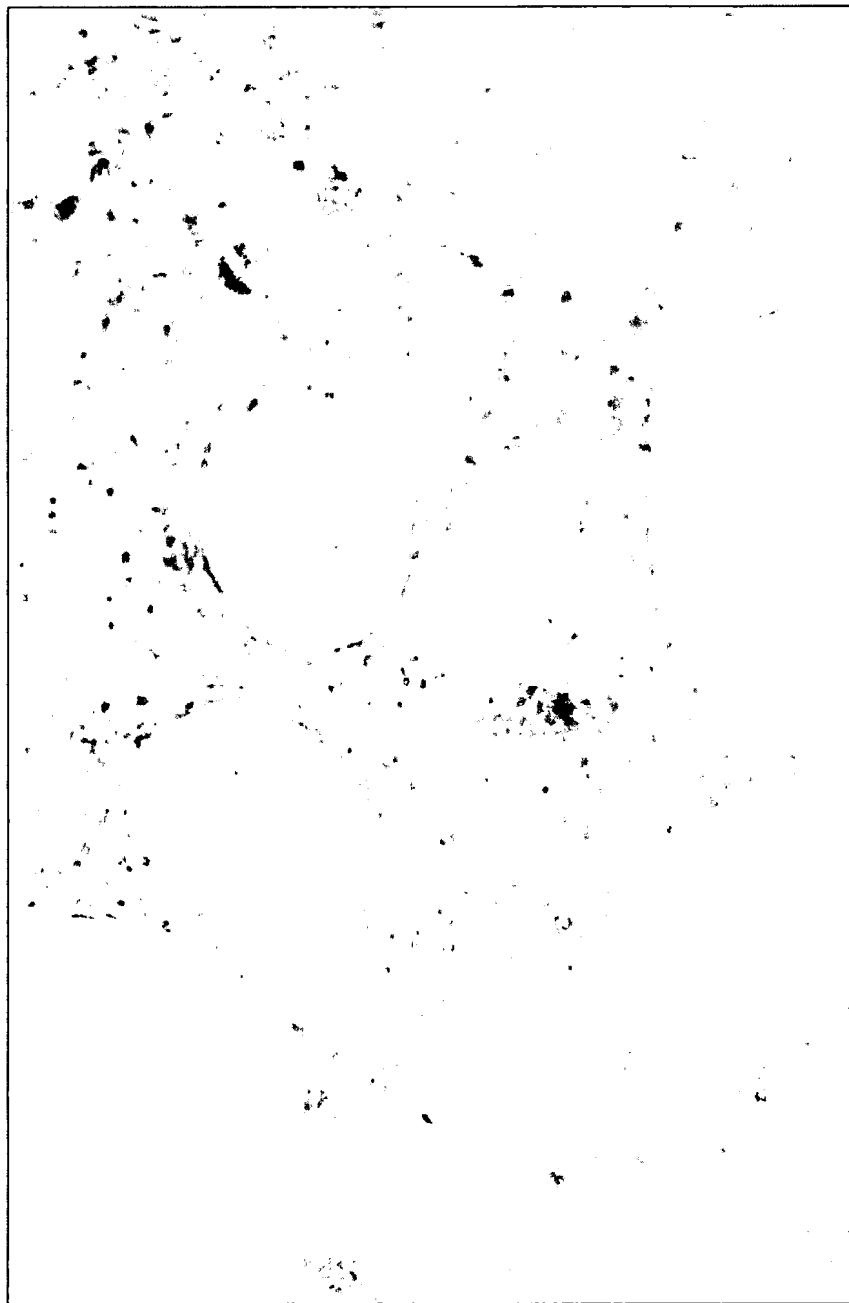


Figure 13h

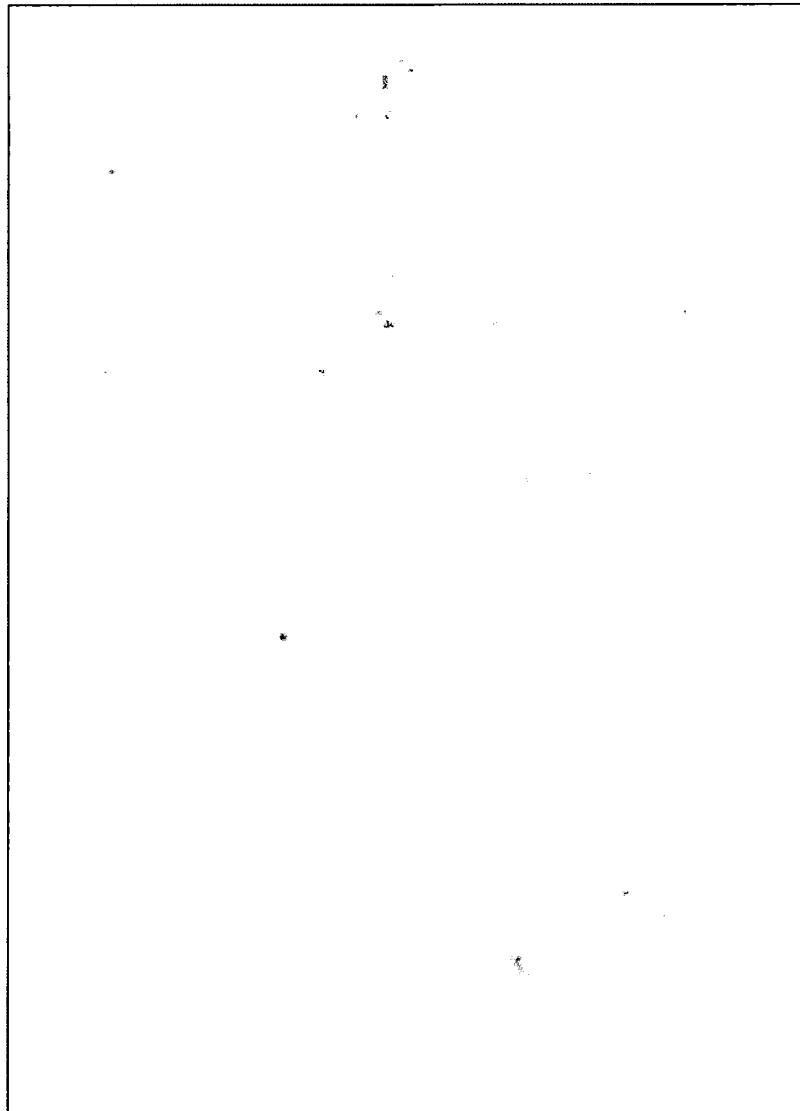


Figure 31

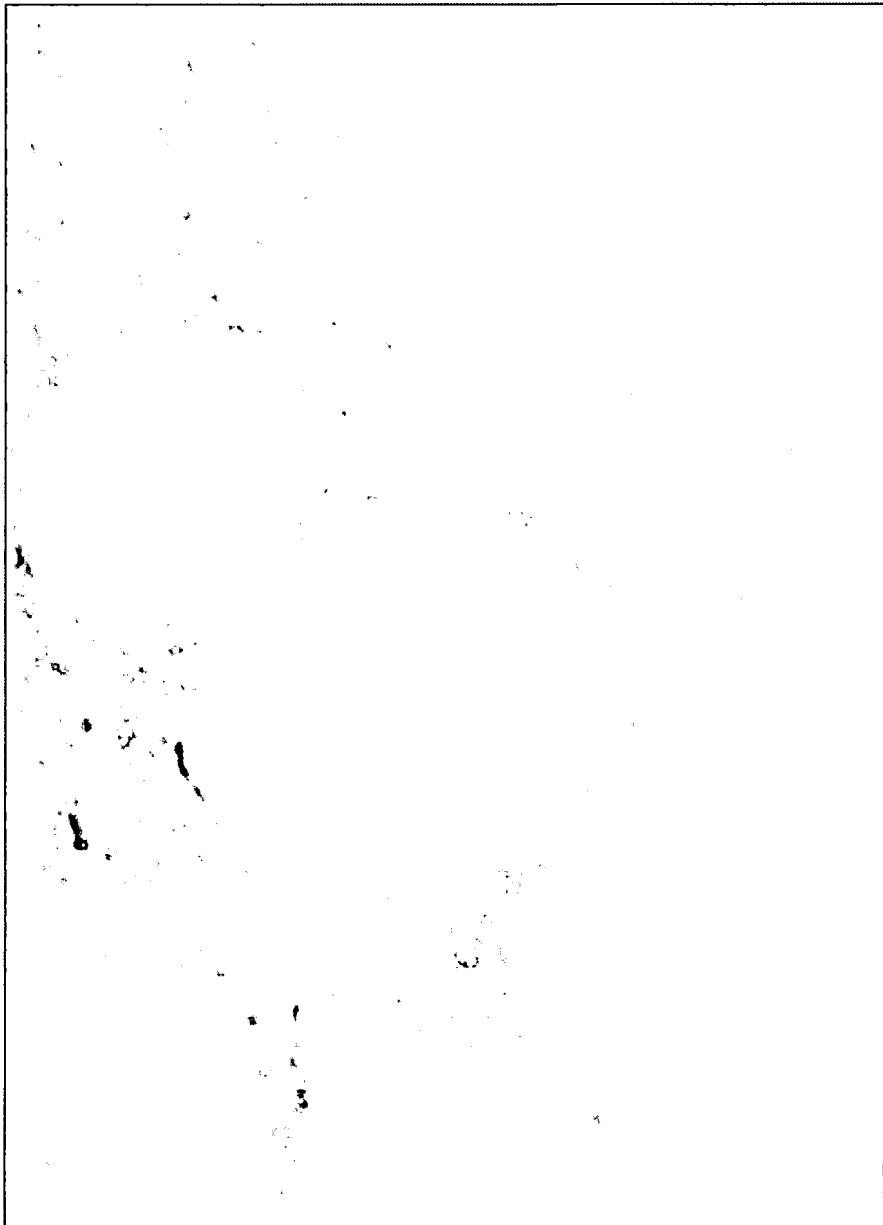


Figure 13J

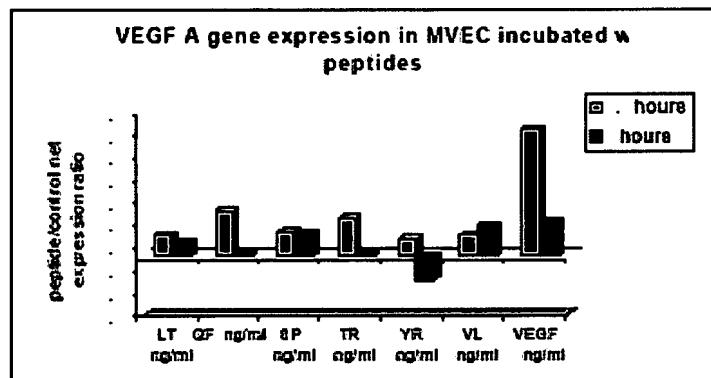


Figure 14a

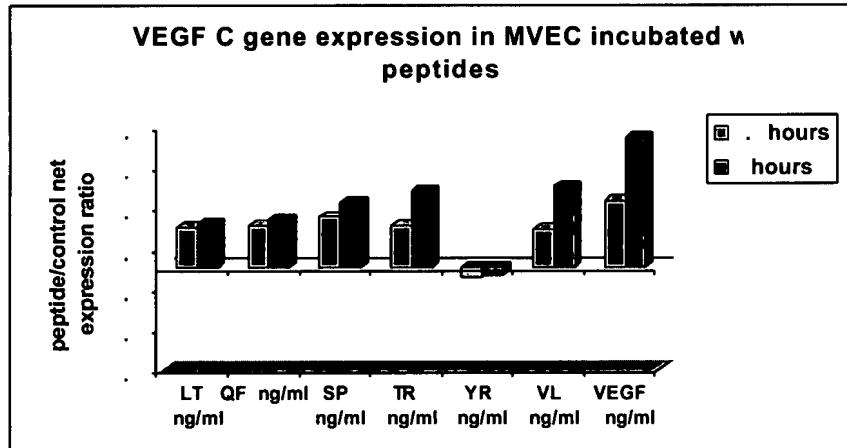


Figure 14b

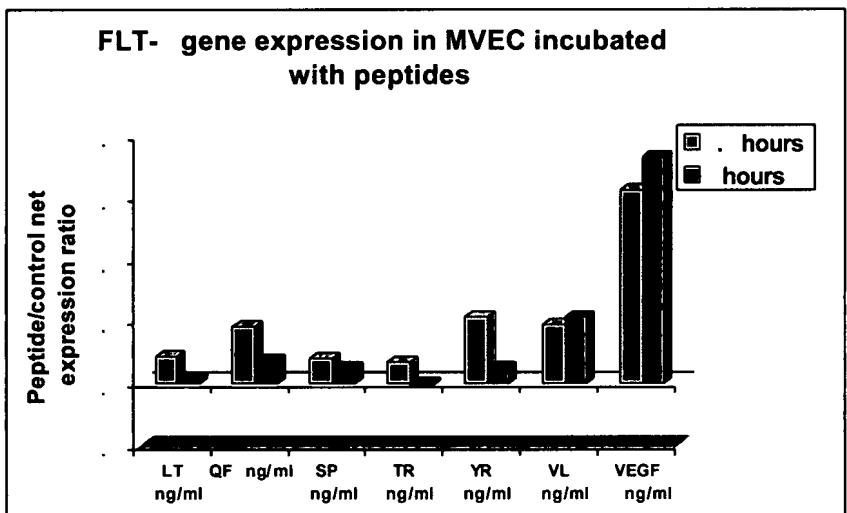


Figure 14c

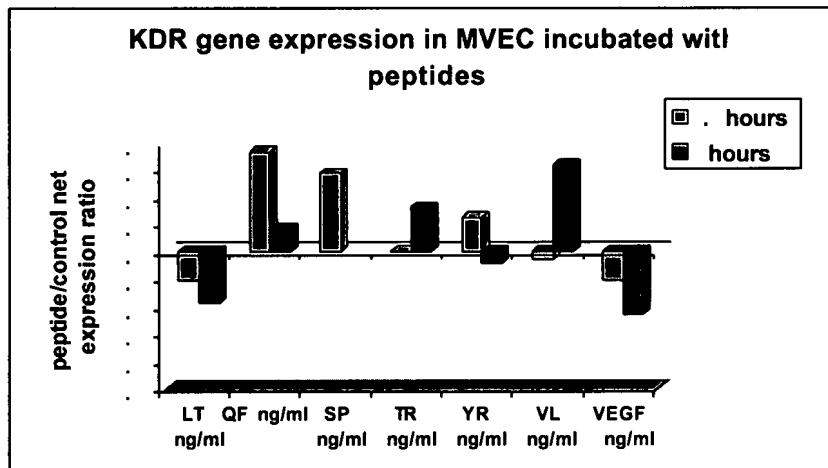


Figure 14d

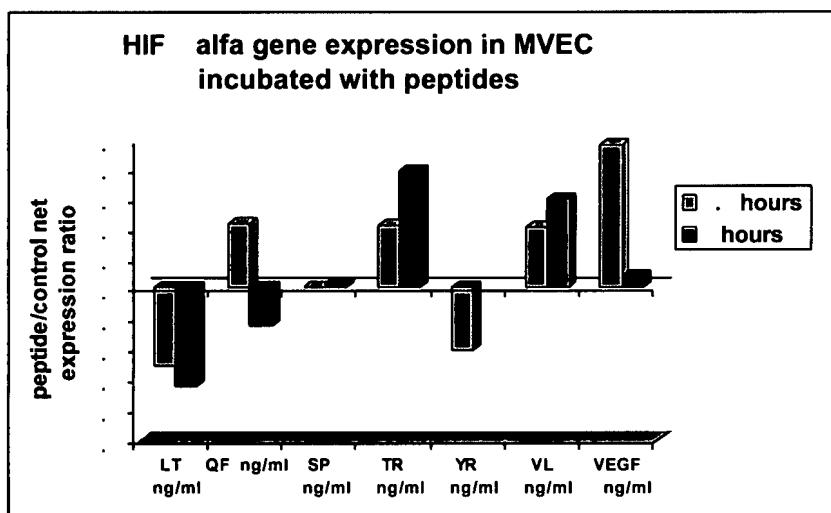


Figure 14e

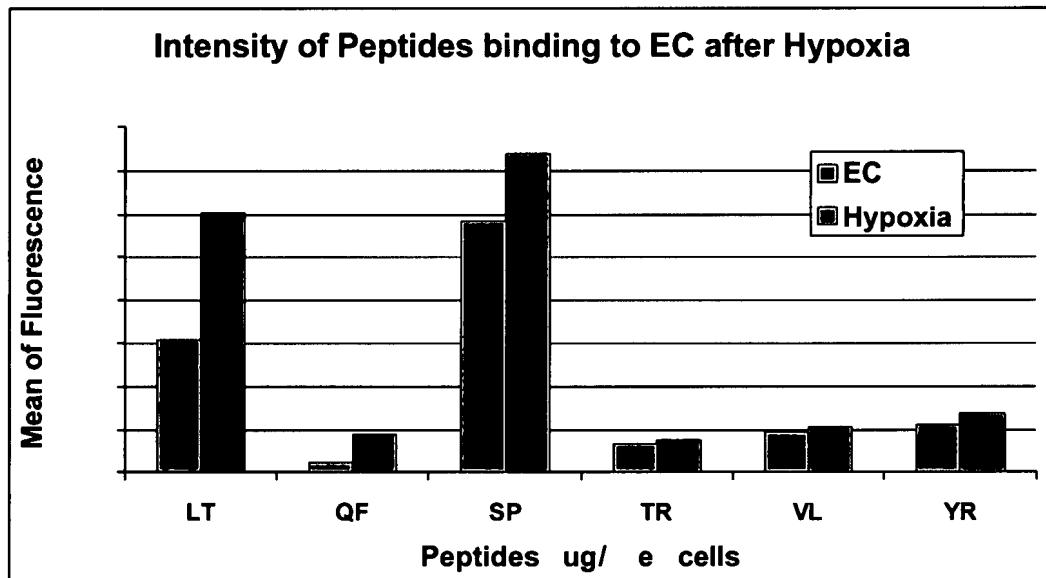
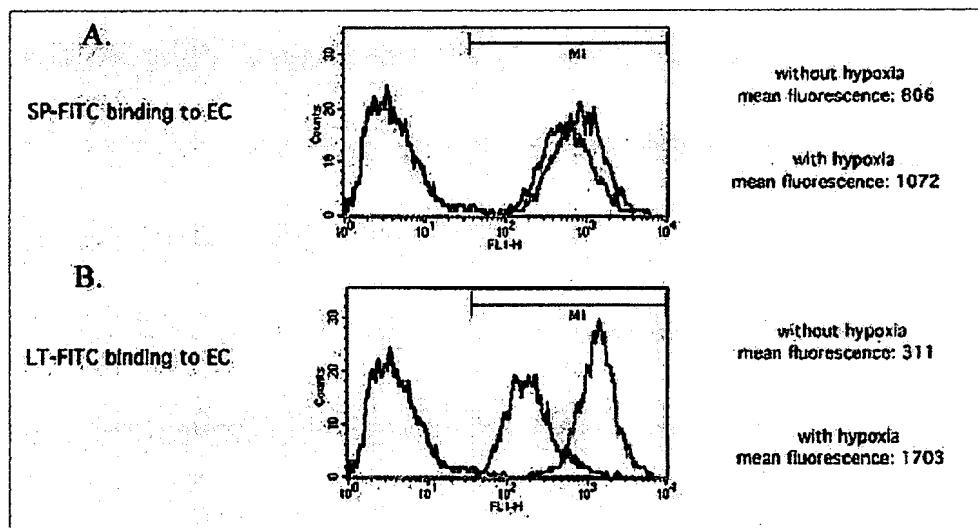


Figure 15



Figures 16a-b

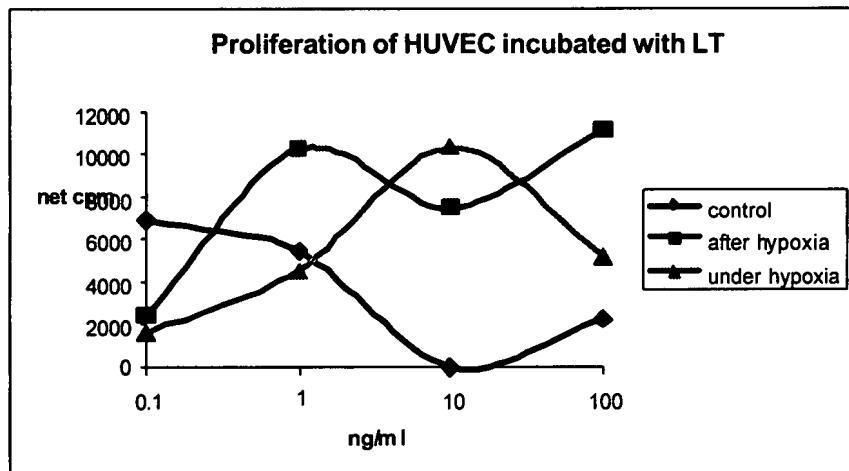


Figure 17a

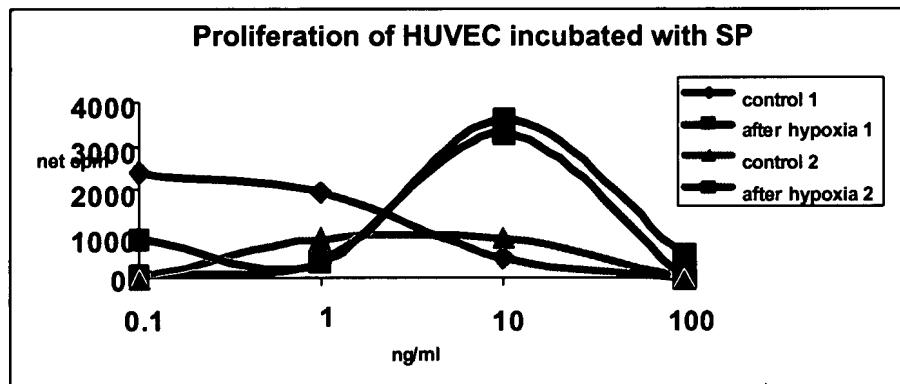


Figure 17b

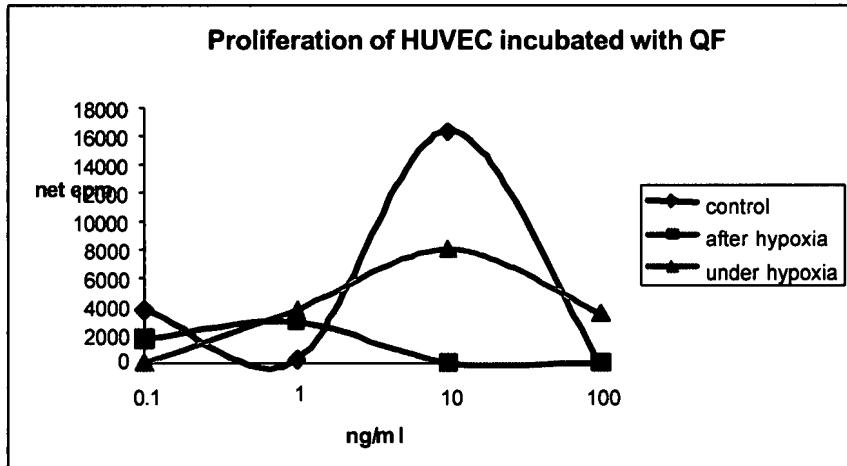


Figure 17c

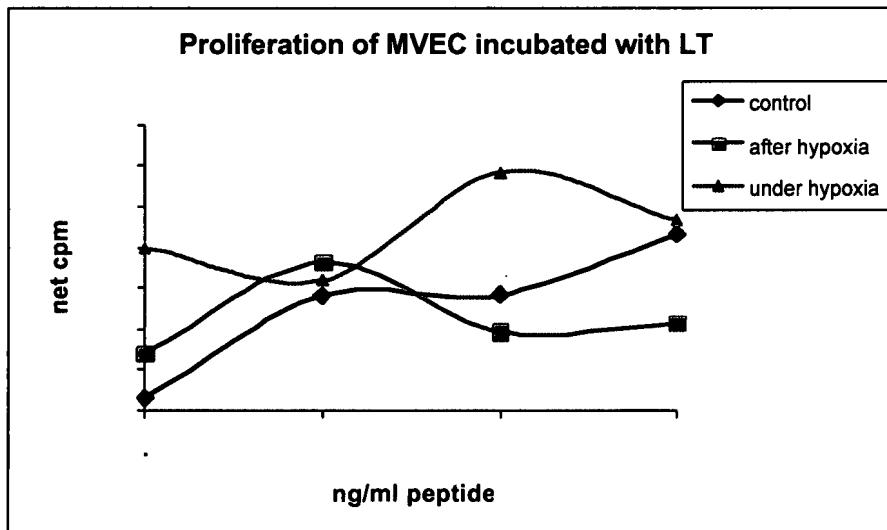


Figure 17d

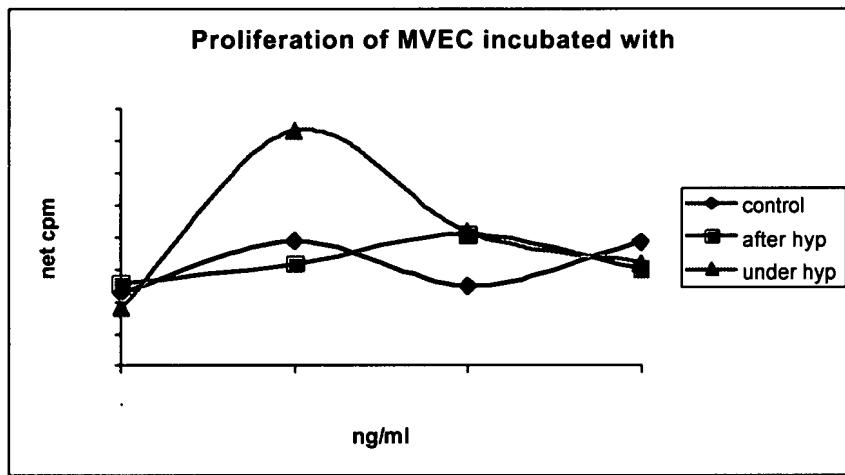


Figure 17e

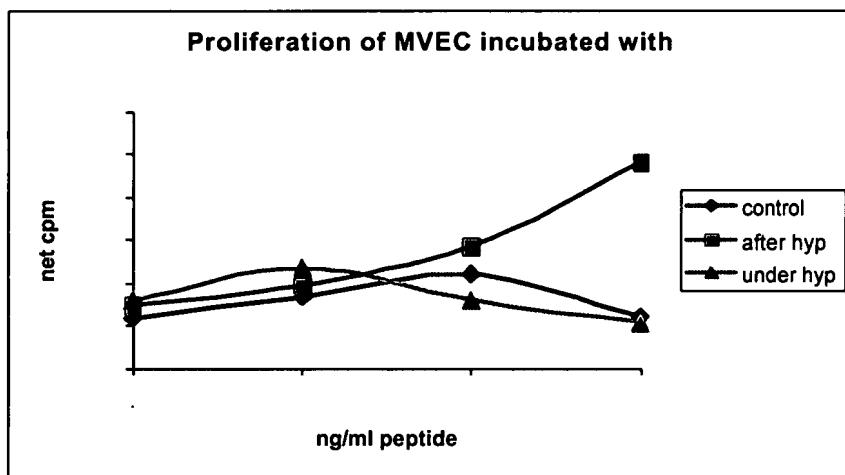


Figure 17f

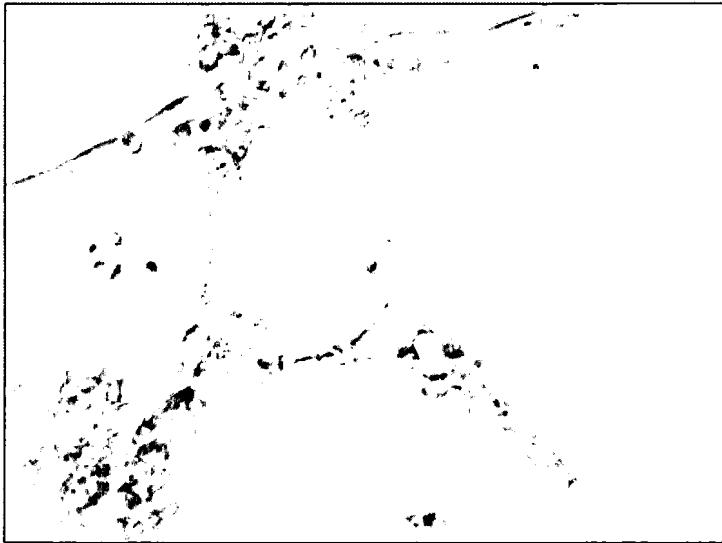


Figure 18a



Figure 18b

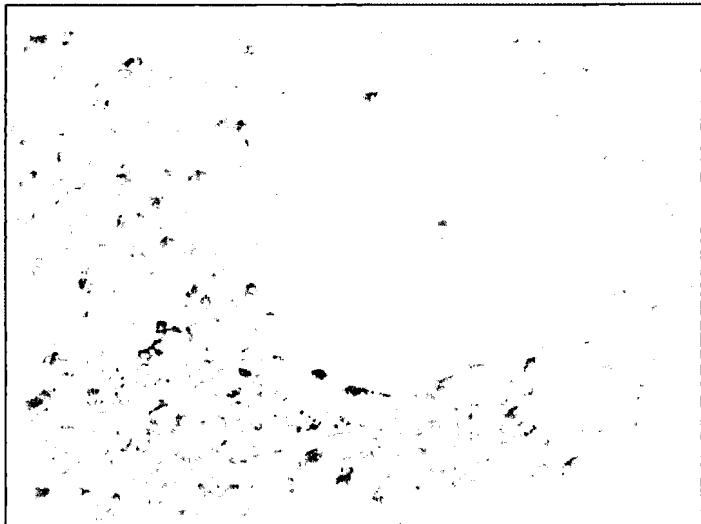


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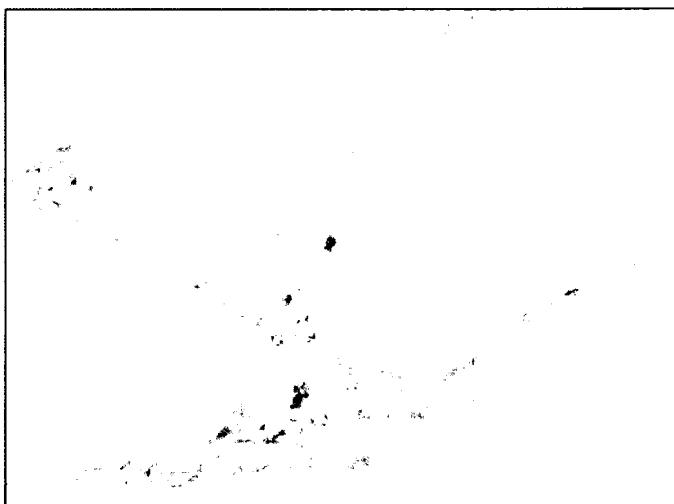


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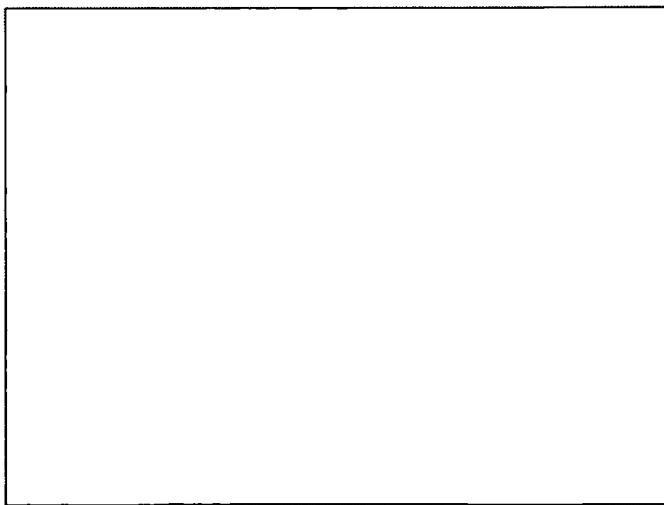


Figure 18e

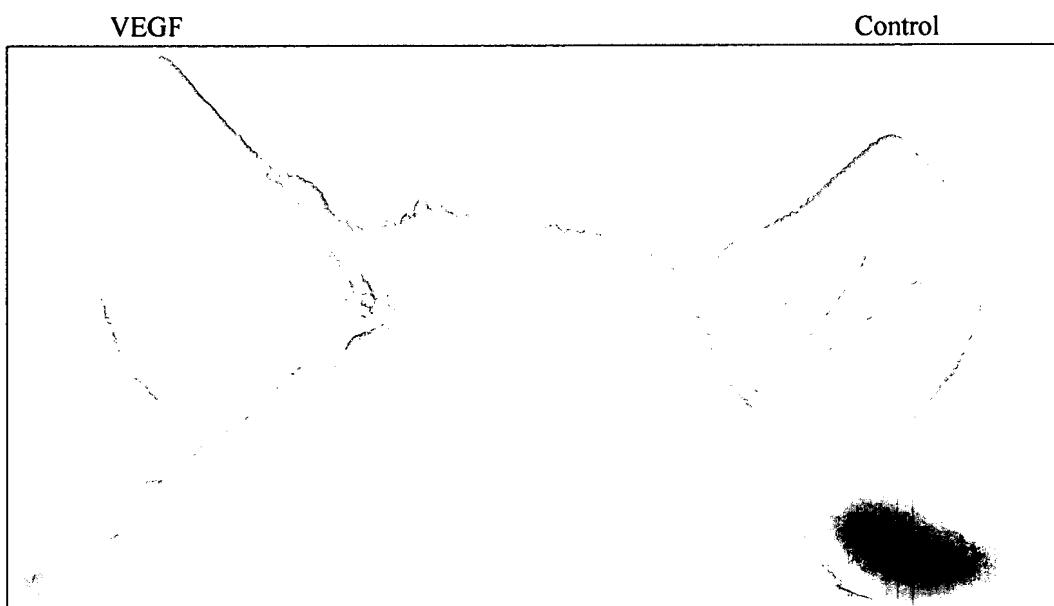


Figure 19a

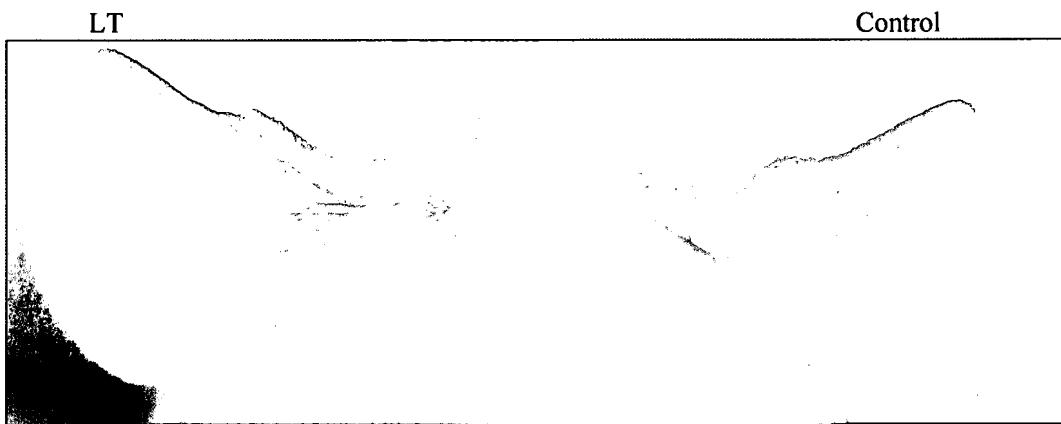


Figure 19b

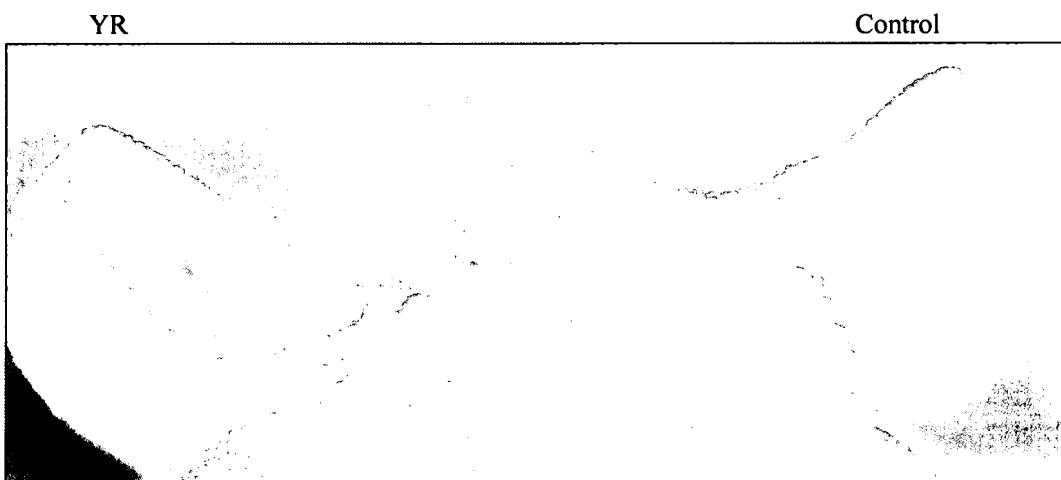


Figure 19c

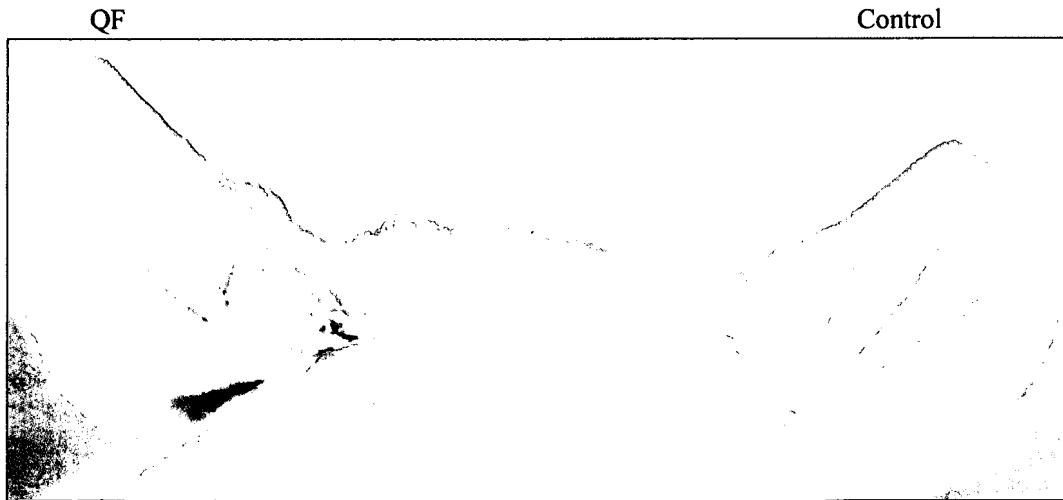


Figure 19d

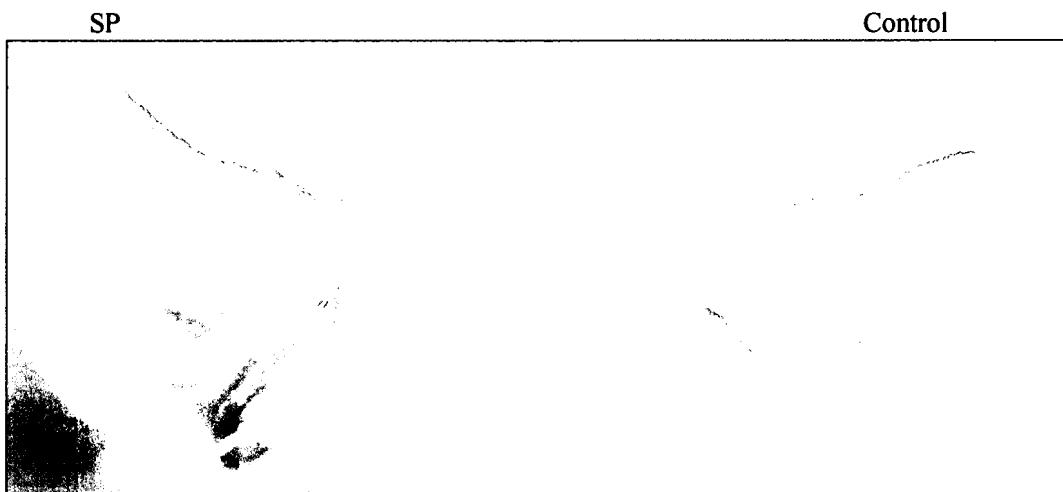


Figure 19e

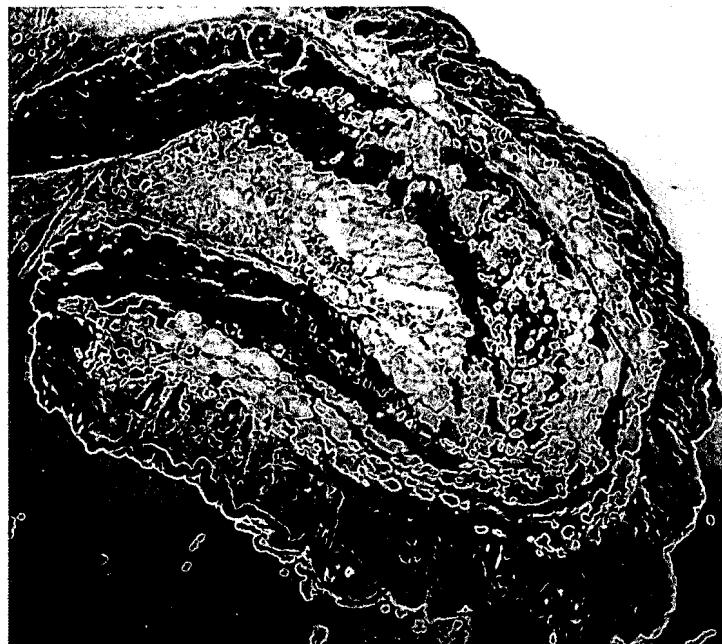


Figure 20a

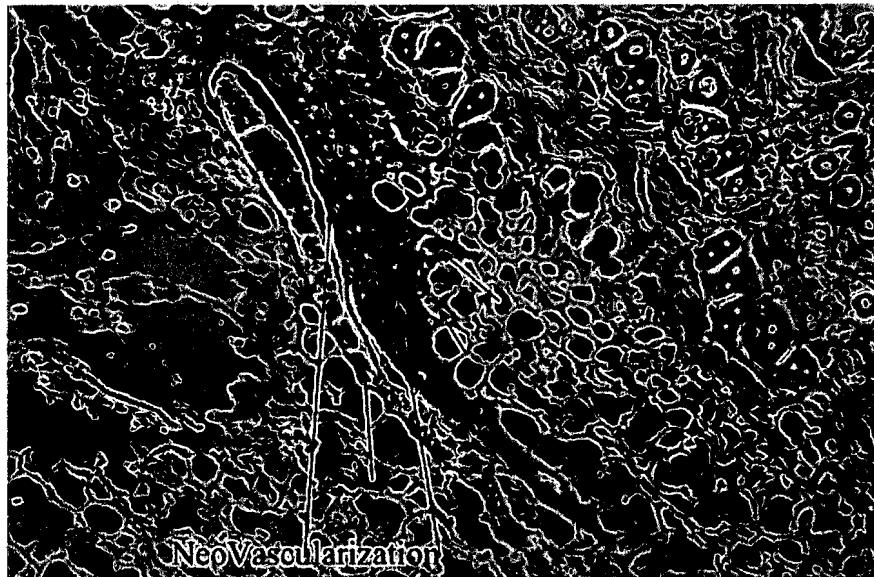


Figure 20b

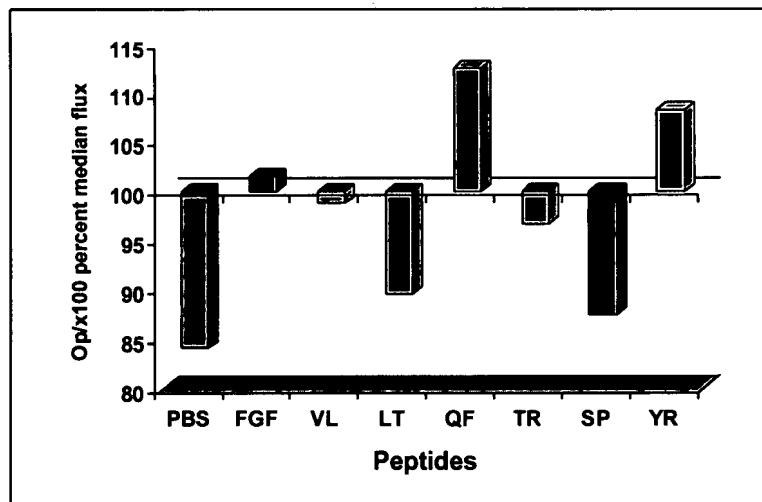


Figure 21

Seq 1: VPWMEPAYQRFL (VL; SEQ ID NO:2)
Seq 2: LLADTTHHRPWT (LT; SEQ ID NO:4)
Seq 3: QPWLEQAYYSTF (QF; SEQ ID NO:6)
Seq 4: SAHGTSTGVPWP (SP; SEQ ID NO:8)
Seq 5: YPHIDSLGHWR (YR; SEQ ID NO:10)
Seq 6: TLPWLEESYWRP (TR; SEQ ID NO:12)

Figure 22a

Seq 1: VPWMEPAYQRFL (VL; SEQ ID NO:2)
Seq 3: QPWLEQAYYSTF (QF; SEQ ID NO:6)
Seq 5: YPHIDSLGHWR (YR; SEQ ID NO:10)
Seq 6: TLPWLEESYWRP (TR; SEQ ID NO:12))

Motif scanned by e-motif

Hypertext Transfer Protocol://dnadotstanforddottedu/emotif/emotif-scandorhtml

~~pw[11][del]..y~~ (SEQ ID NO:27)

Pro Trp Xaa Xaa Xaa Xaa Tyr (SEQ ID NO:32)

Figure 22b

VEGB MOUSE Vascular endothelial growth factor B precursor
PVSQFDGPGSHQKKVVPWIDVYARATCQPREVVVPL (amino acids 22-57 of SEQ ID NO:28)

PWIDVY (SEQ ID NO:31 amino acids 37-42 of
SEQ ID NO:28)

PVSQFDGPGSHQKKVVPWIDVYARATCQPREVVVPL Mouse (SEQ ID NO:29)

PVSQ D P HQ+KVV WIDVY RATCQPREVVVPL Alignment of VEGF-B
PVSQPDAPGHQRKVSVWIDVYTRATCQPREVVVPL Human (SEQ ID NO:30)

Seq 1: VPWMEPAYQRFL (SEQ ID NO:2)
Seq 3: QPWLEQAYYSTF (SEQ ID NO:6)
Seq 5: YPHIDSLGHWR (SEQ ID NO:10)
Seq 6: TLPWLEESYWRP (SEQ ID NO:12)

Figure 22c